



FIGURE 1B

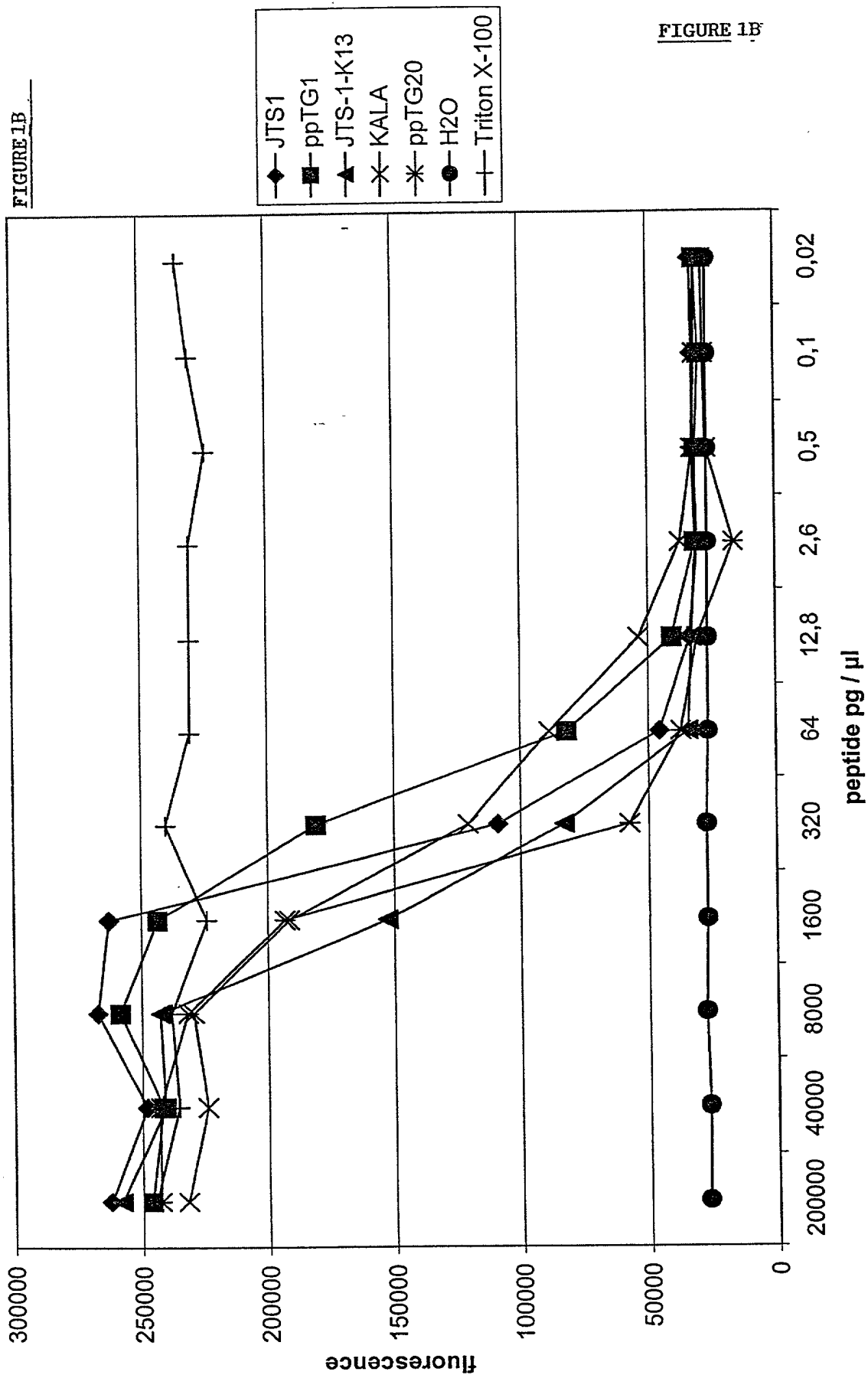


FIGURE 1B

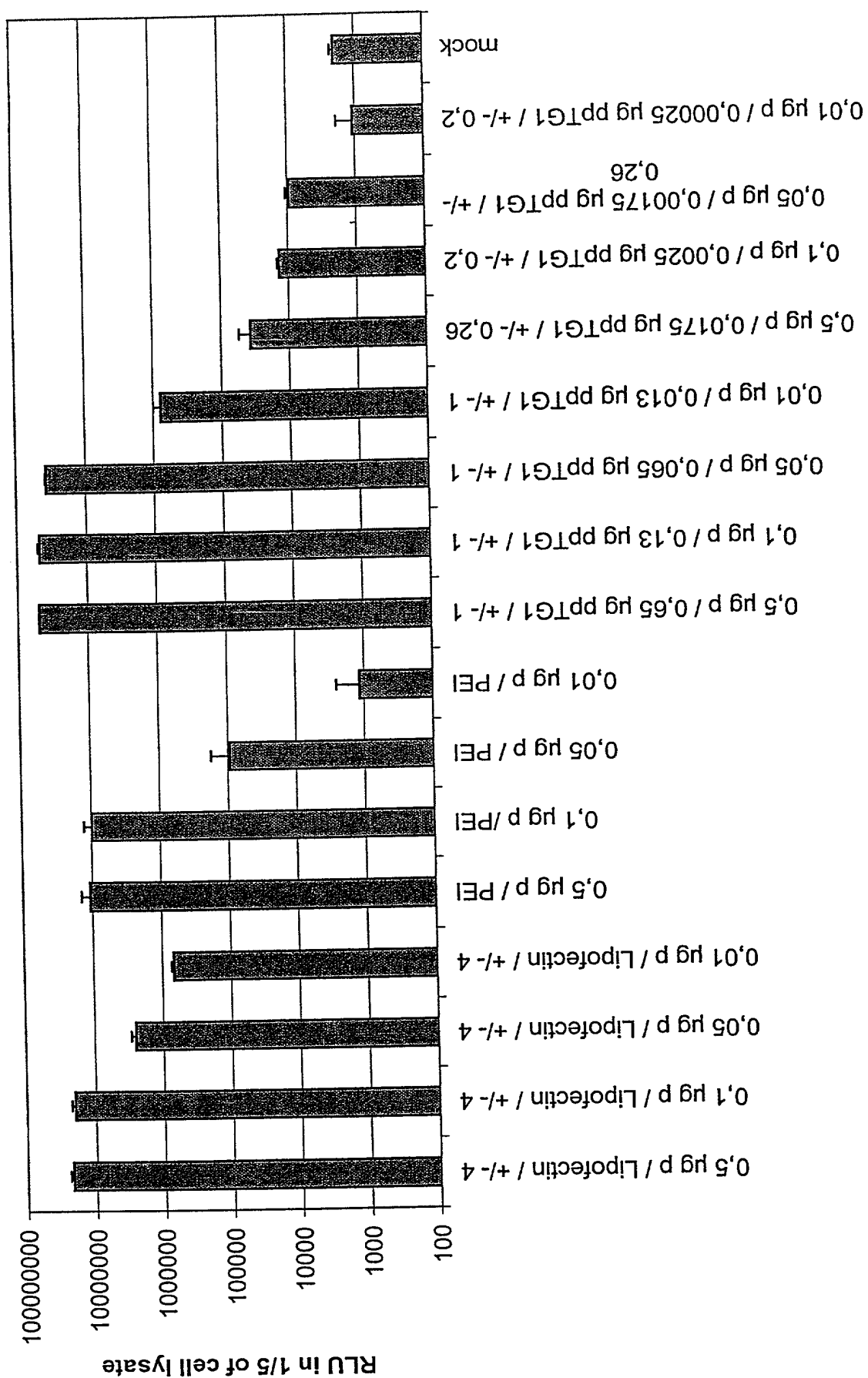


FIGURE 2

[illegible]

**FIGURE 3**

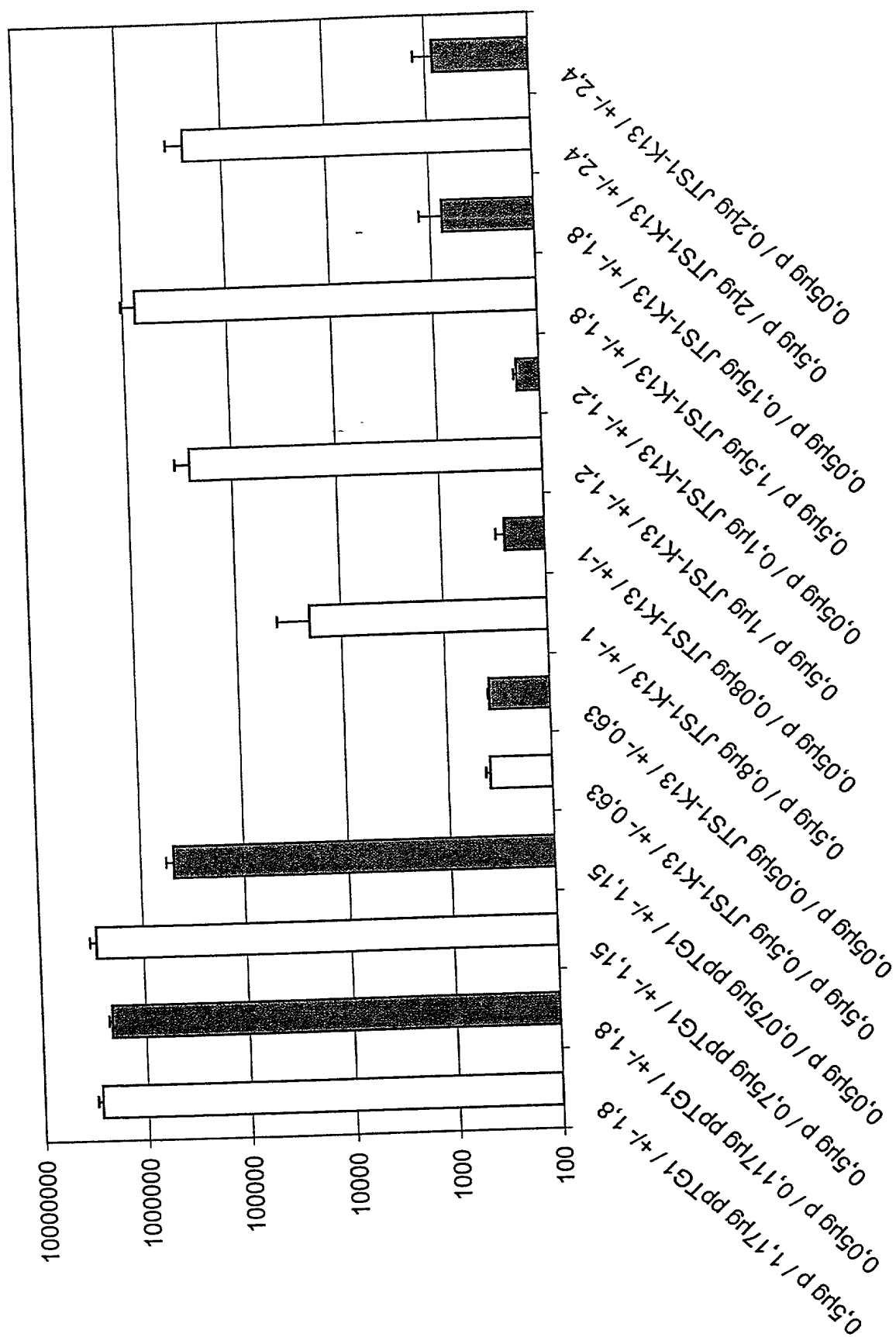


FIGURE 4

Horizontal bar chart showing RLU in 1/5 of lysate for various KALA and PPTG1 treatments. The y-axis is logarithmic, ranging from 100 to 10,000,000. The x-axis lists 20 treatments. Bars are grouped by treatment type: KALA (white) and PPTG1 (black).

Treatment	RLU (approx.)
KALA / p50 ng / +/1	100
KALA / p50 ng / +/2	100
KALA / p50 ng / +/3	100
KALA / p50 ng / +/4	100
PPTG1 / p50 ng / +/1	100
PPTG1 / p50 ng / +/2	100
PPTG1 / p50 ng / +/3	100
PPTG1 / p50 ng / +/4	100
KALA / p500 ng / +/1	100
KALA / p500 ng / +/2	100
KALA / p500 ng / +/3	100
KALA / p500 ng / +/4	100
PPTG1 / p500 ng / +/1	100
PPTG1 / p500 ng / +/2	100
PPTG1 / p500 ng / +/3	100
PPTG1 / p500 ng / +/4	100
KALA / p500 ng / +/1	100
KALA / p500 ng / +/2	100
KALA / p500 ng / +/3	100
KALA / p500 ng / +/4	100
PPTG1 / p500 ng / +/1	100
PPTG1 / p500 ng / +/2	100
PPTG1 / p500 ng / +/3	100
PPTG1 / p500 ng / +/4	100

**FIGURE 5A**

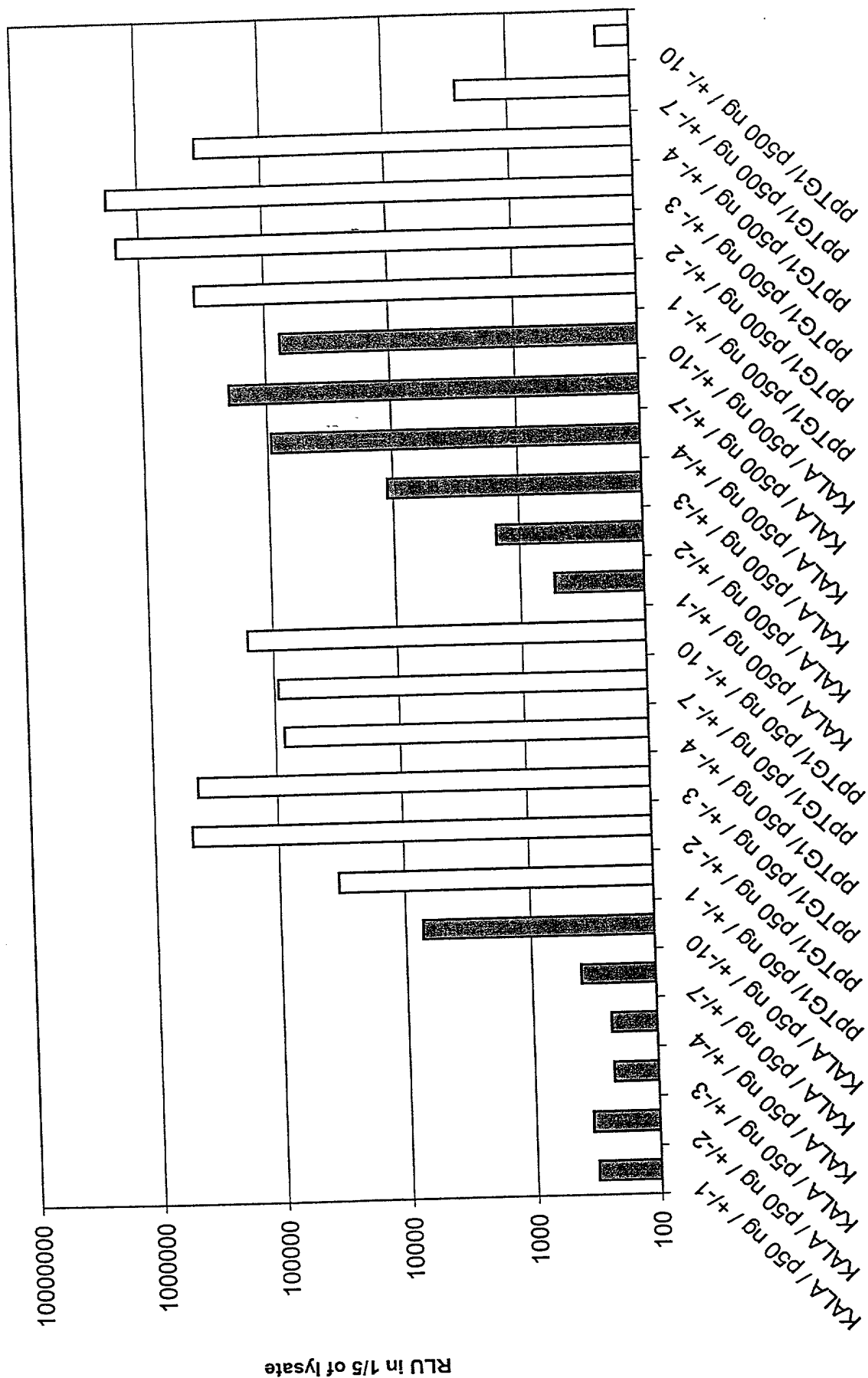


FIGURE 5B

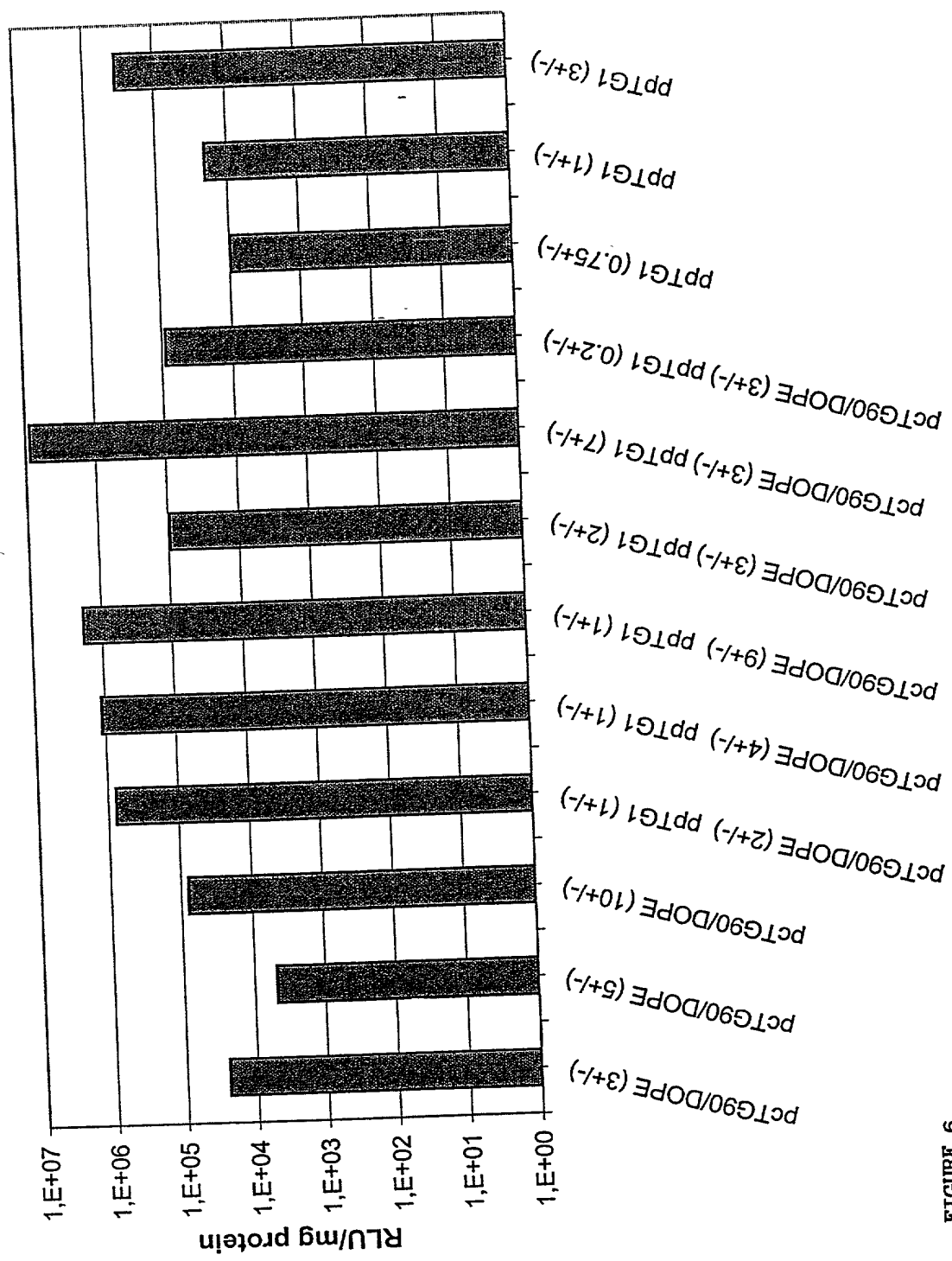


FIGURE 6



FIGURE 7

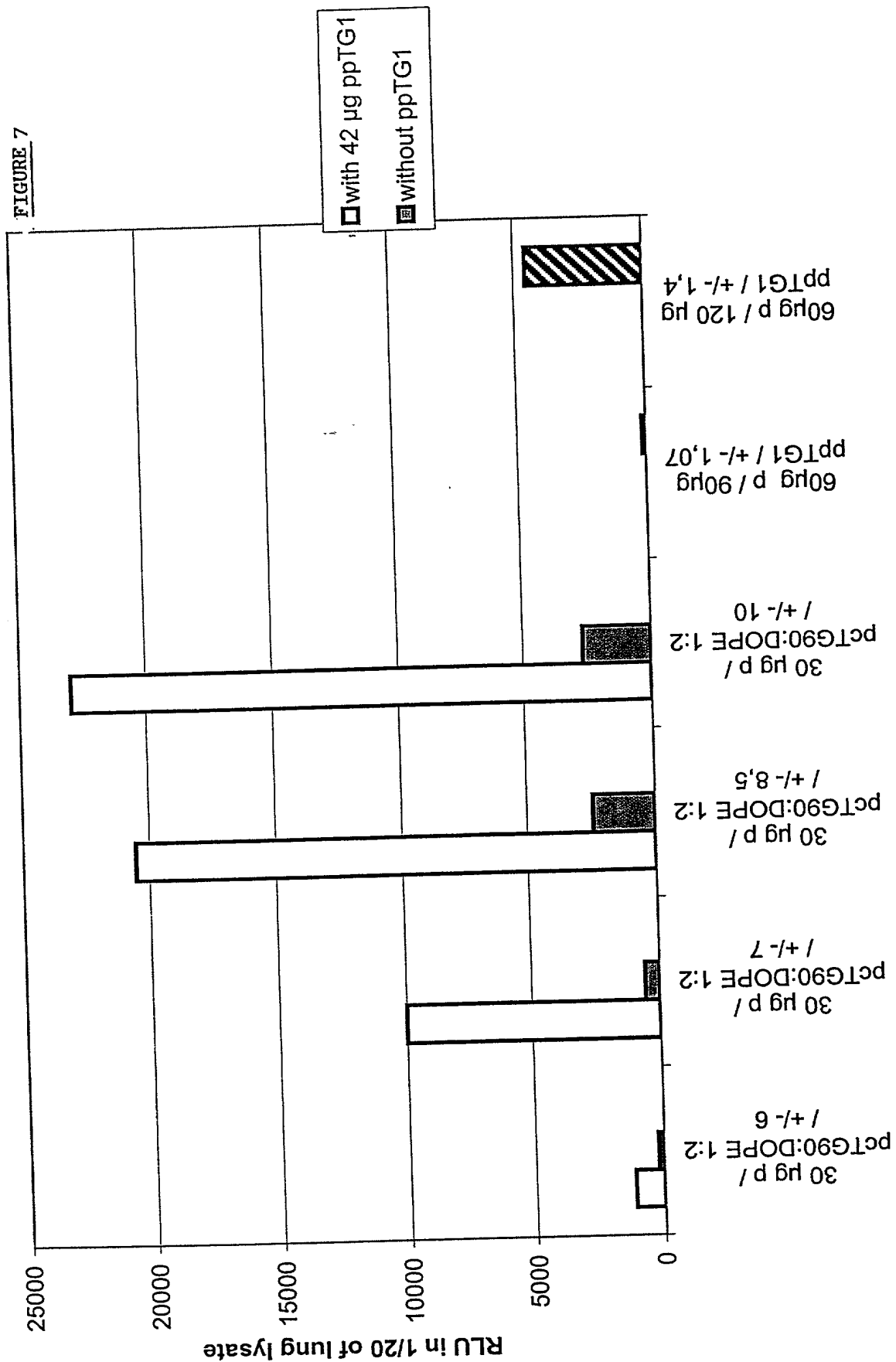
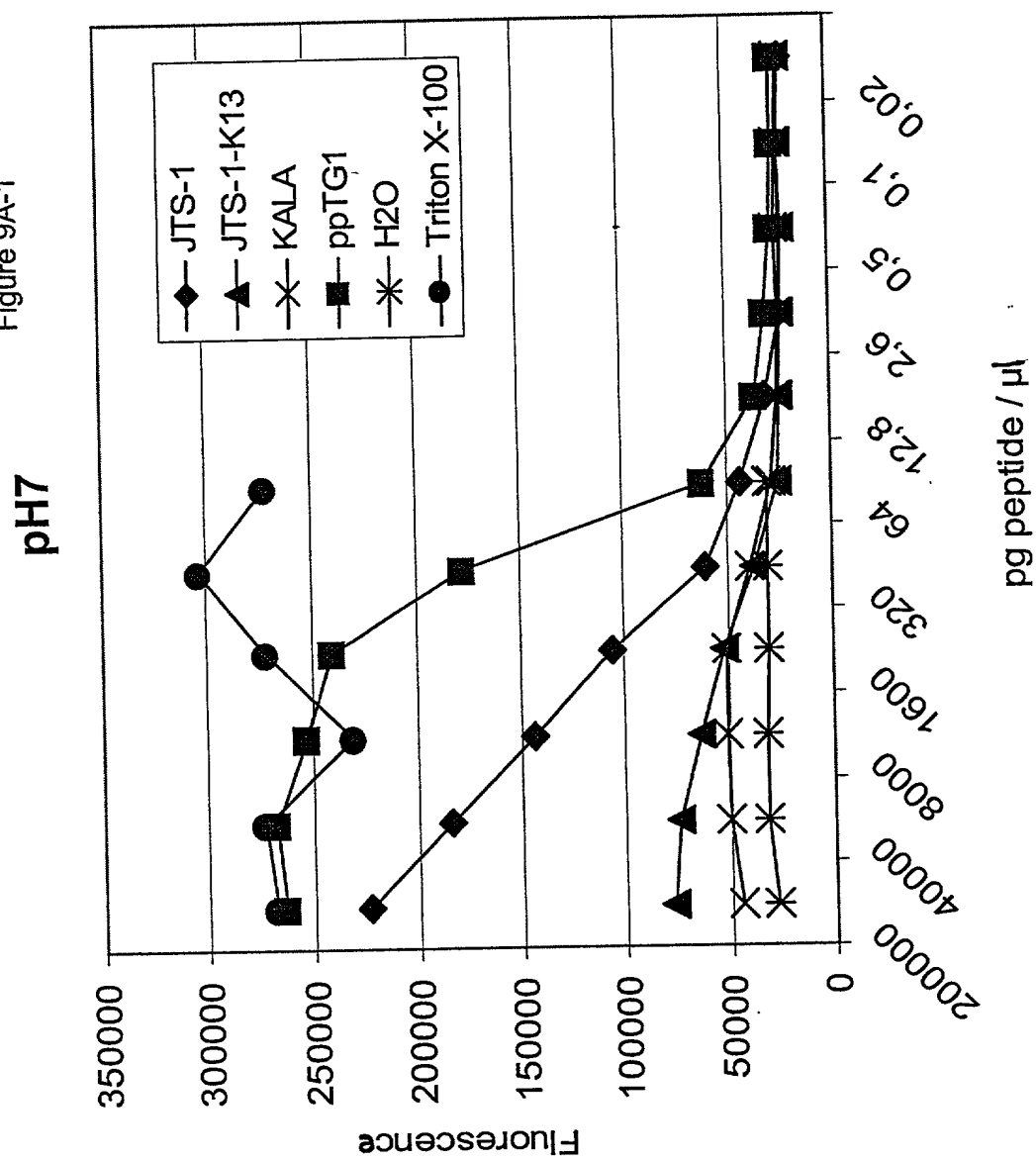




Figure 9A-1



pH5 Figure 9A-2

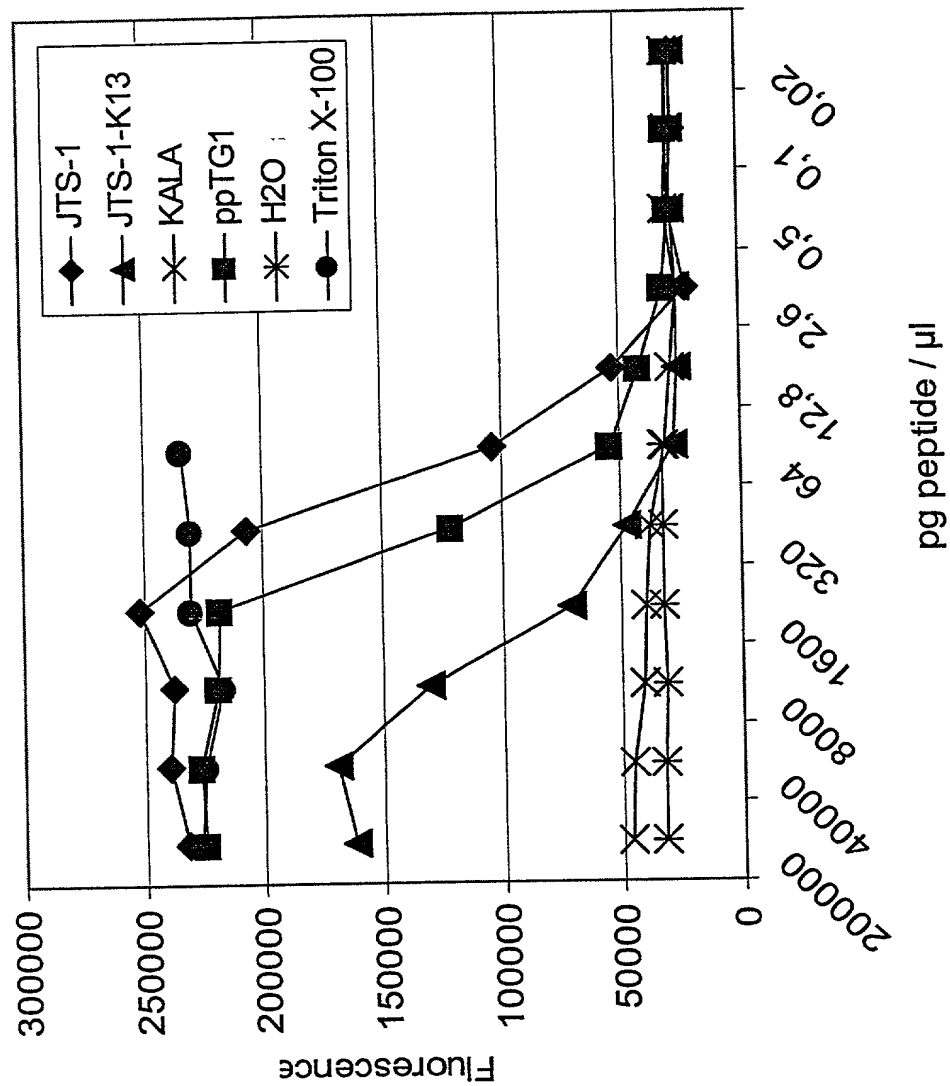


Figure 9B

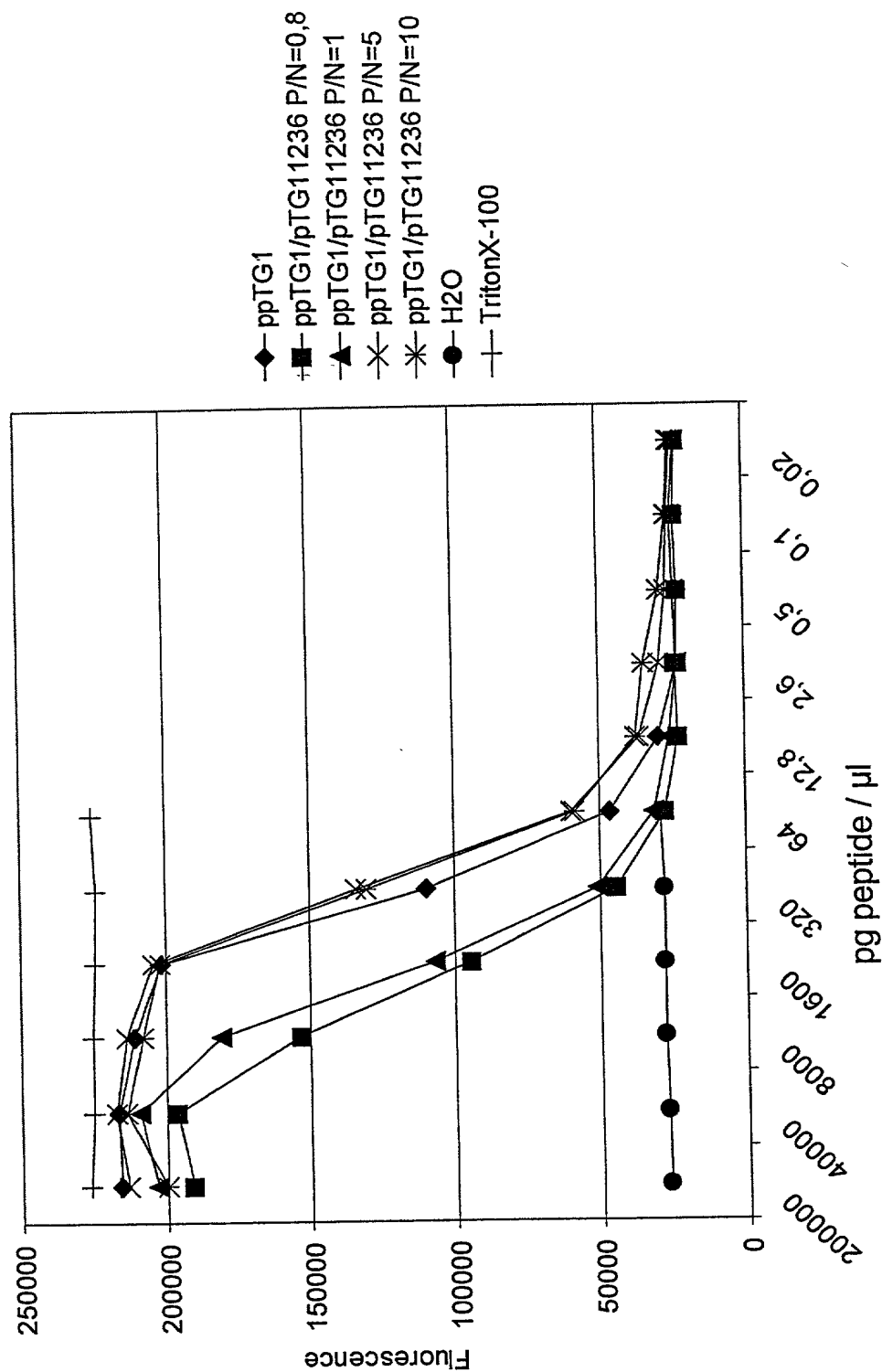
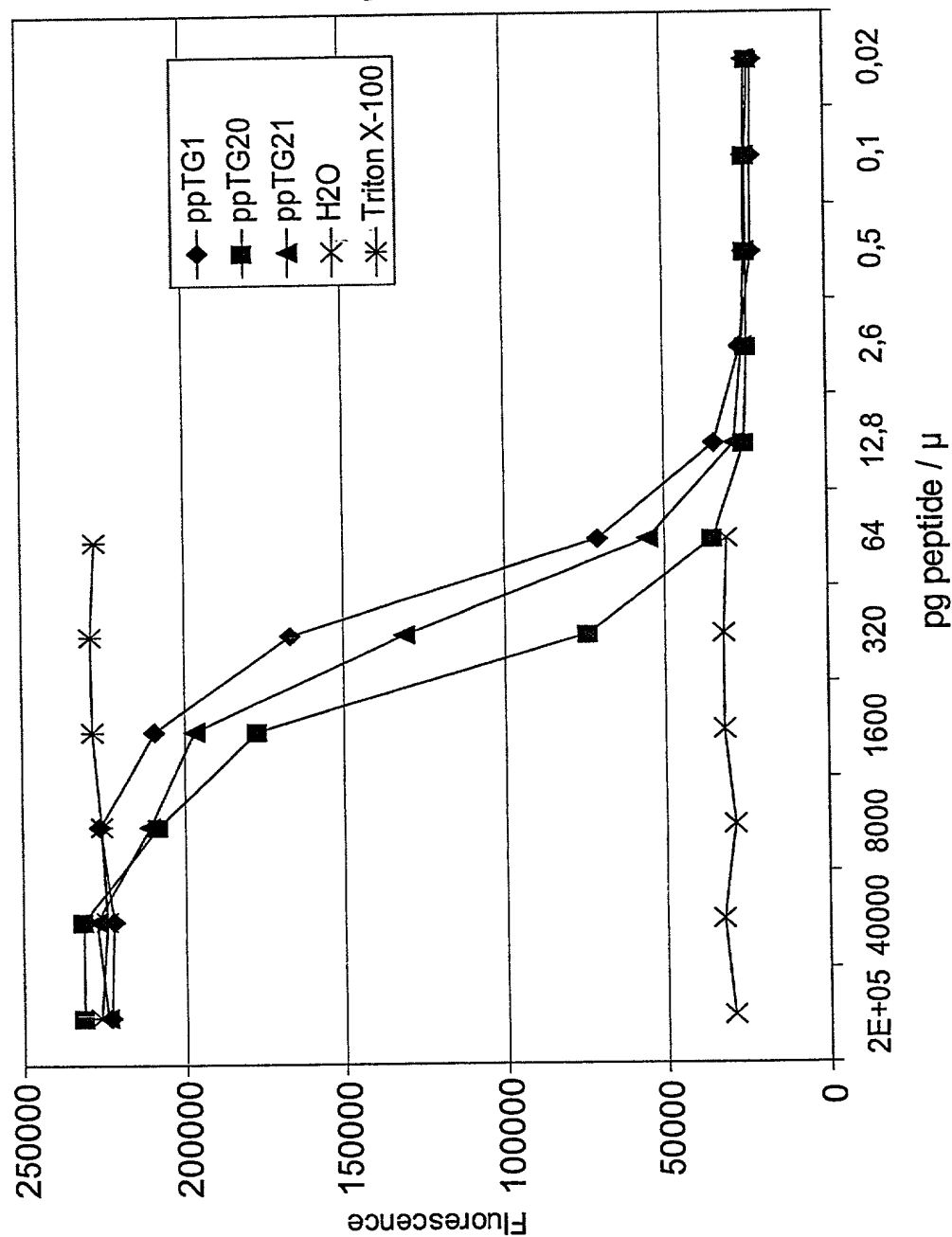


Figure 9C



**Figure 9D**

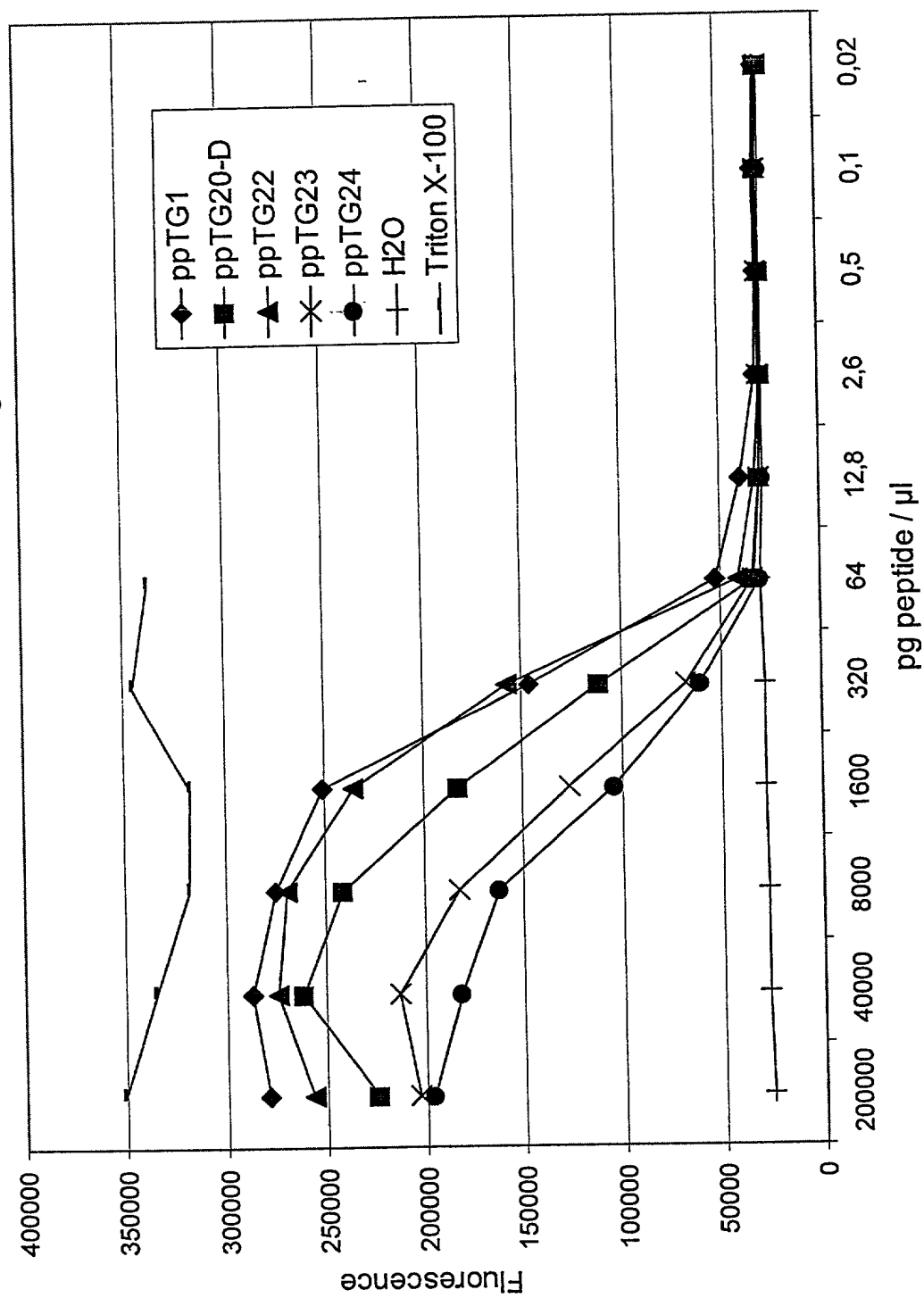


Figure 9E

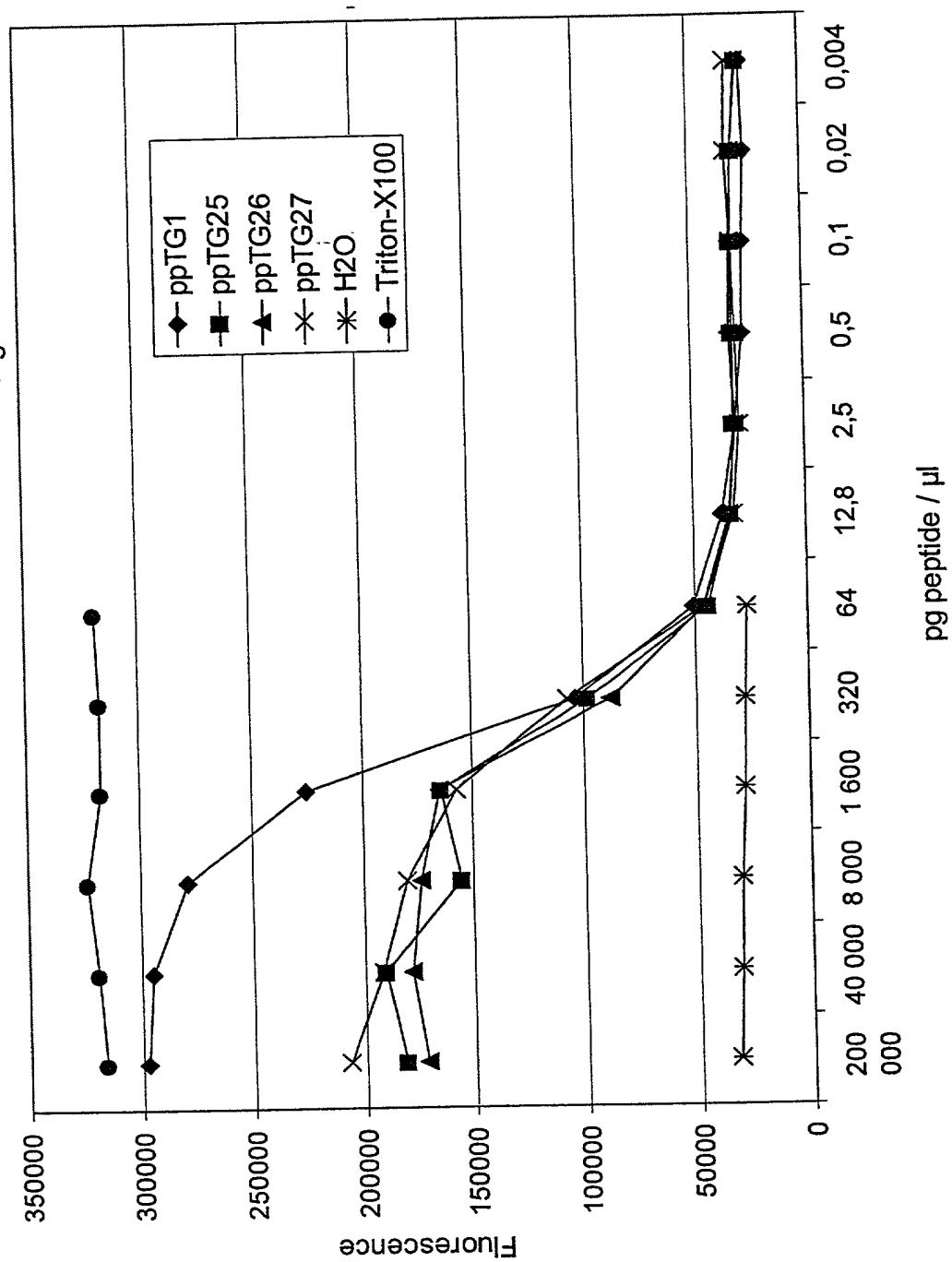




Figure 9F

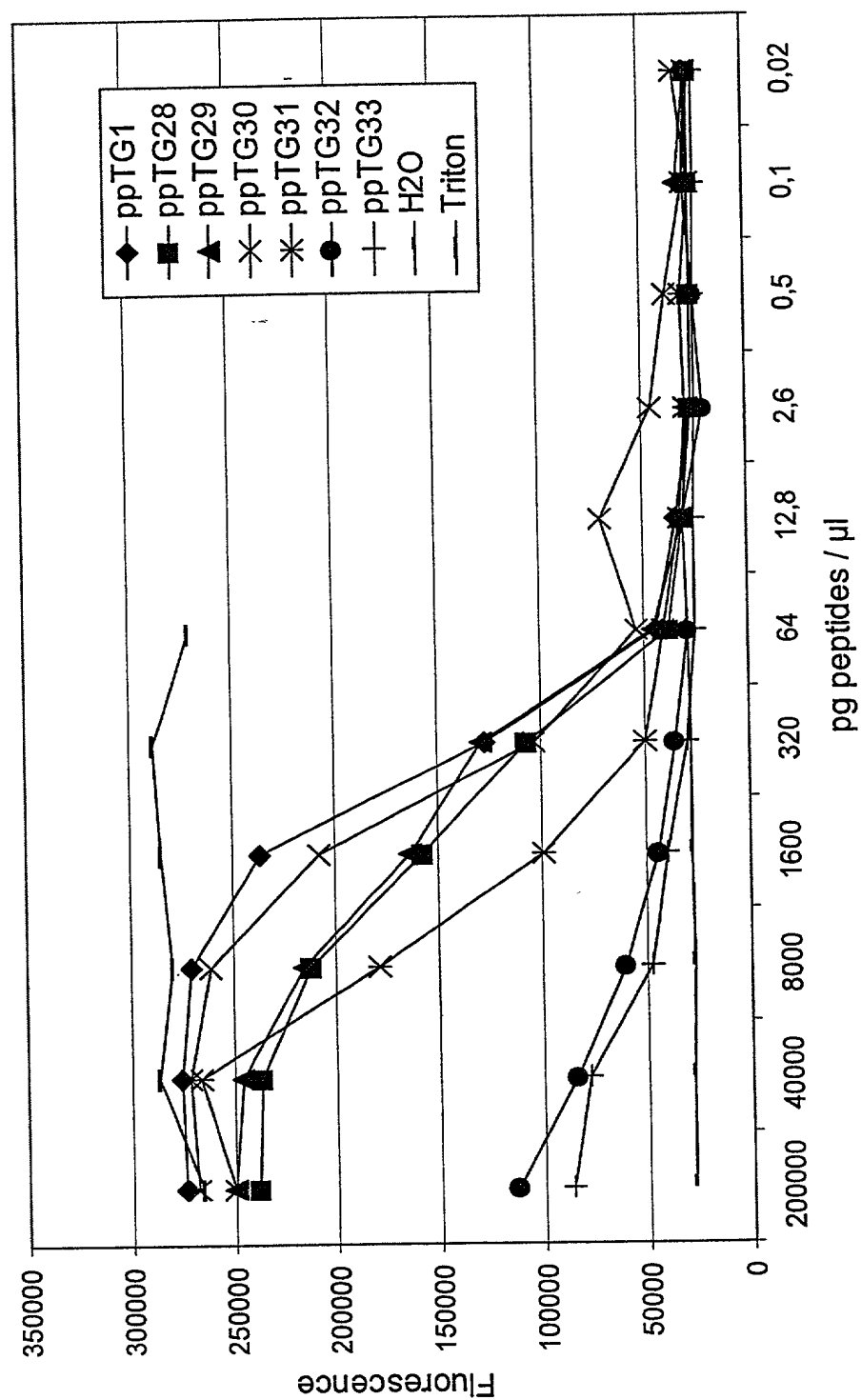


Figure 9G

Figure 10A

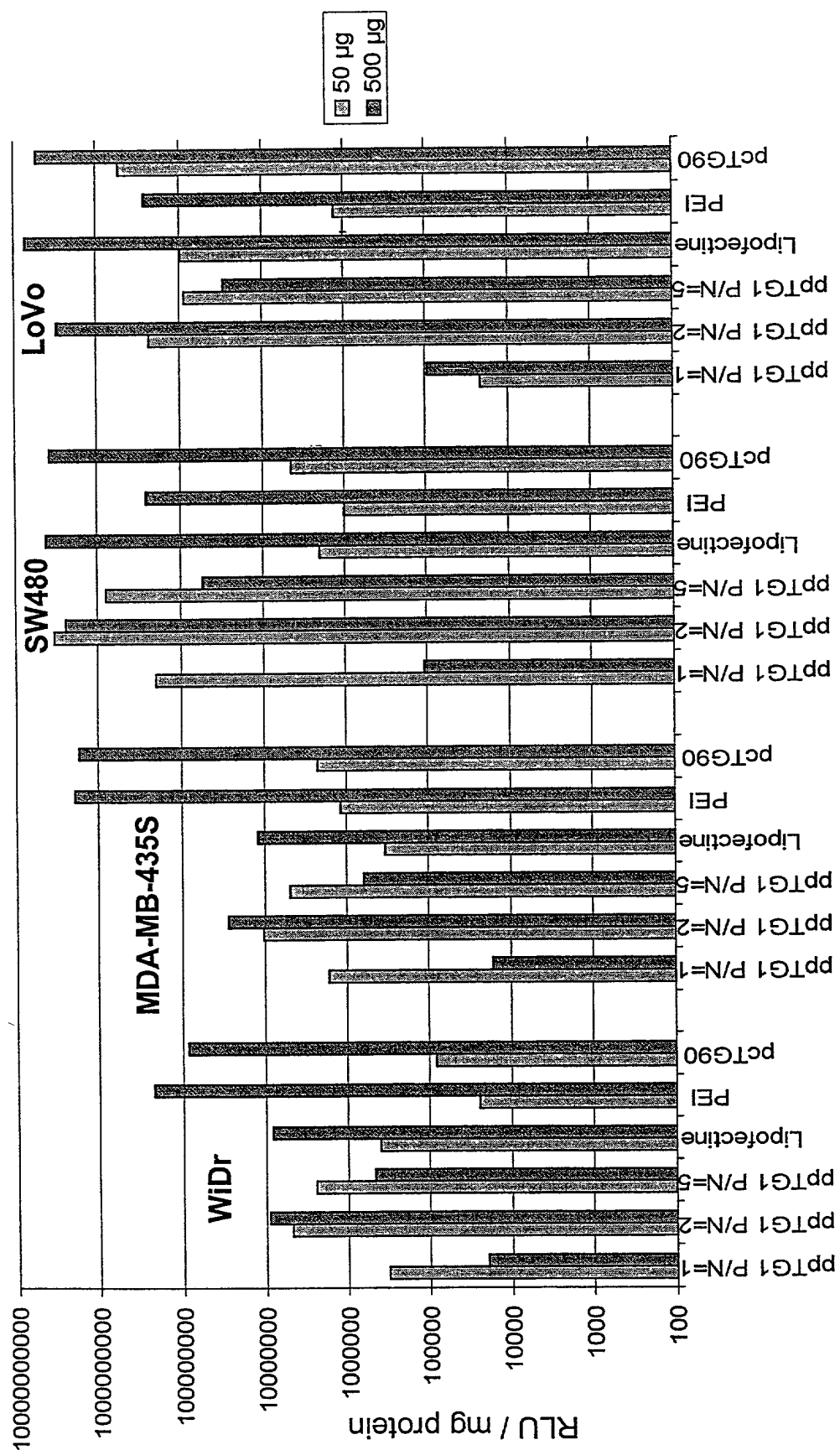


Figure 10B

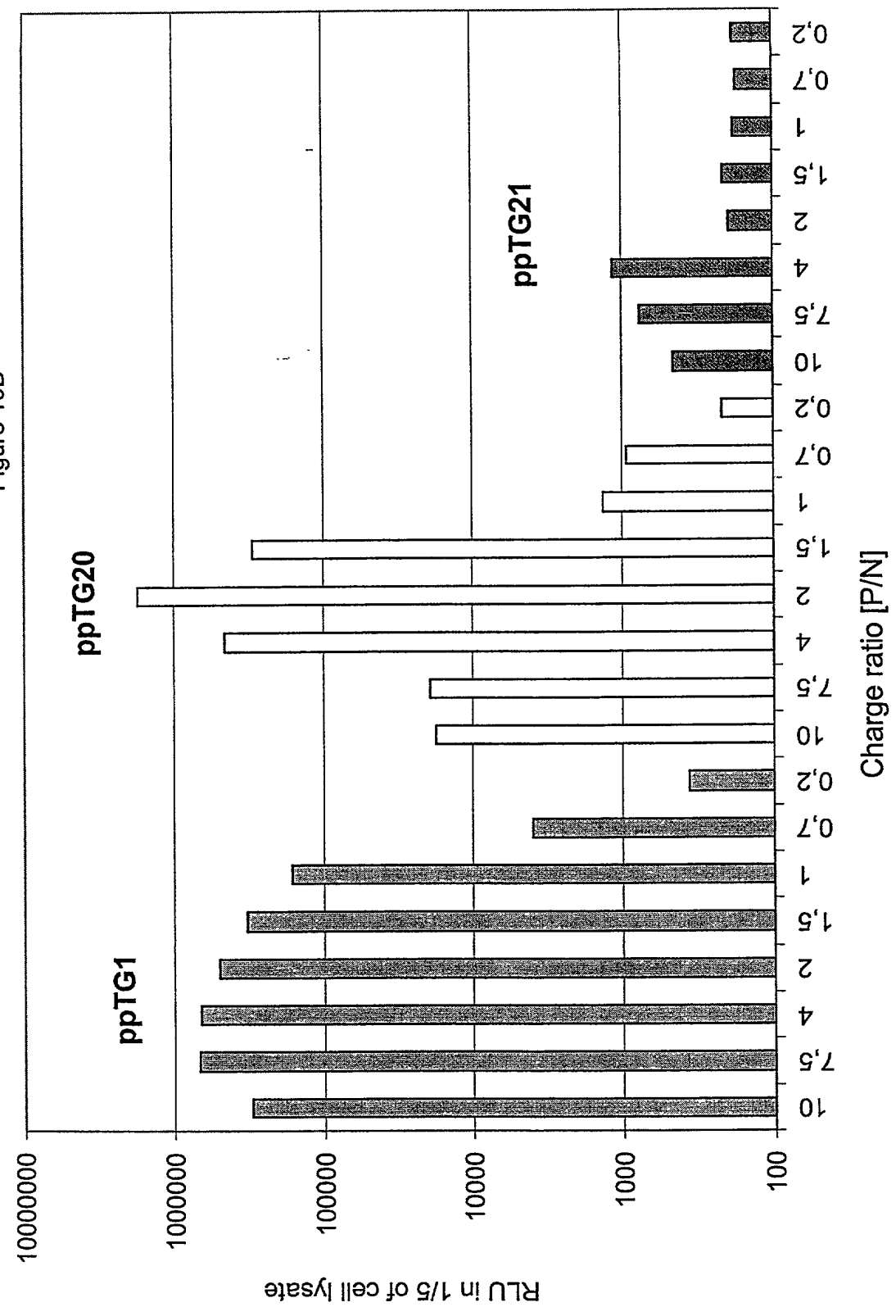


Figure 10C

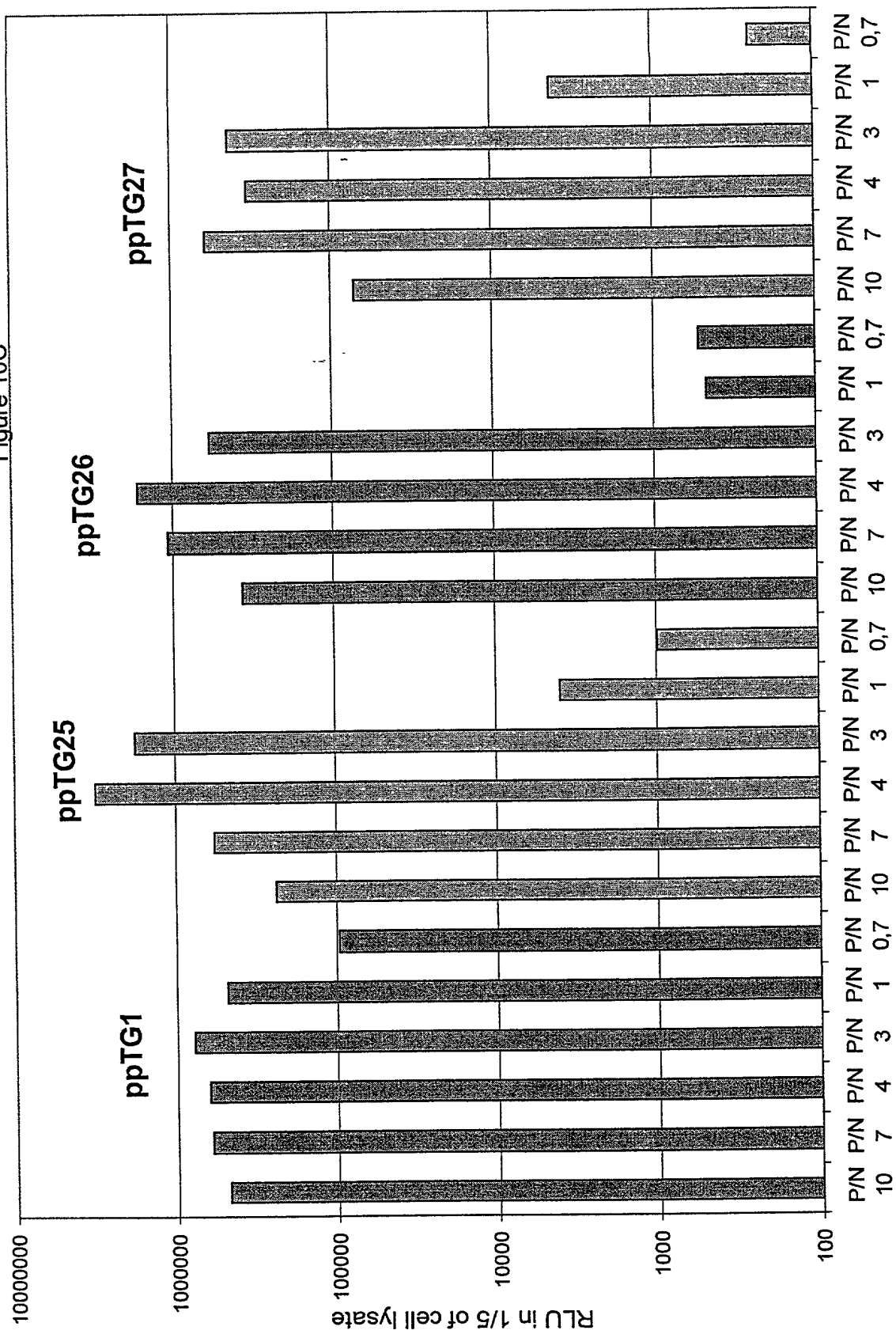


Figure 10D-1

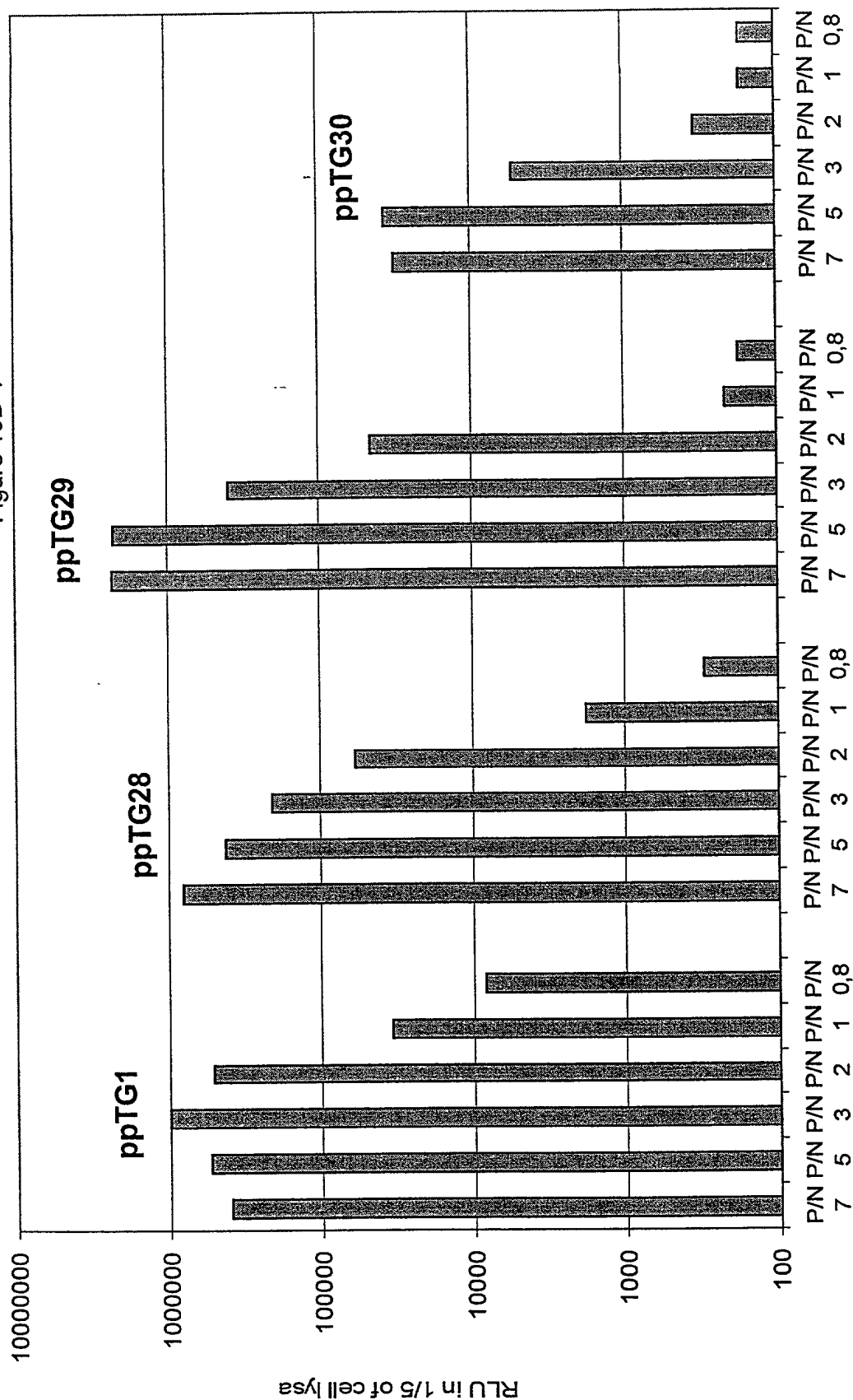
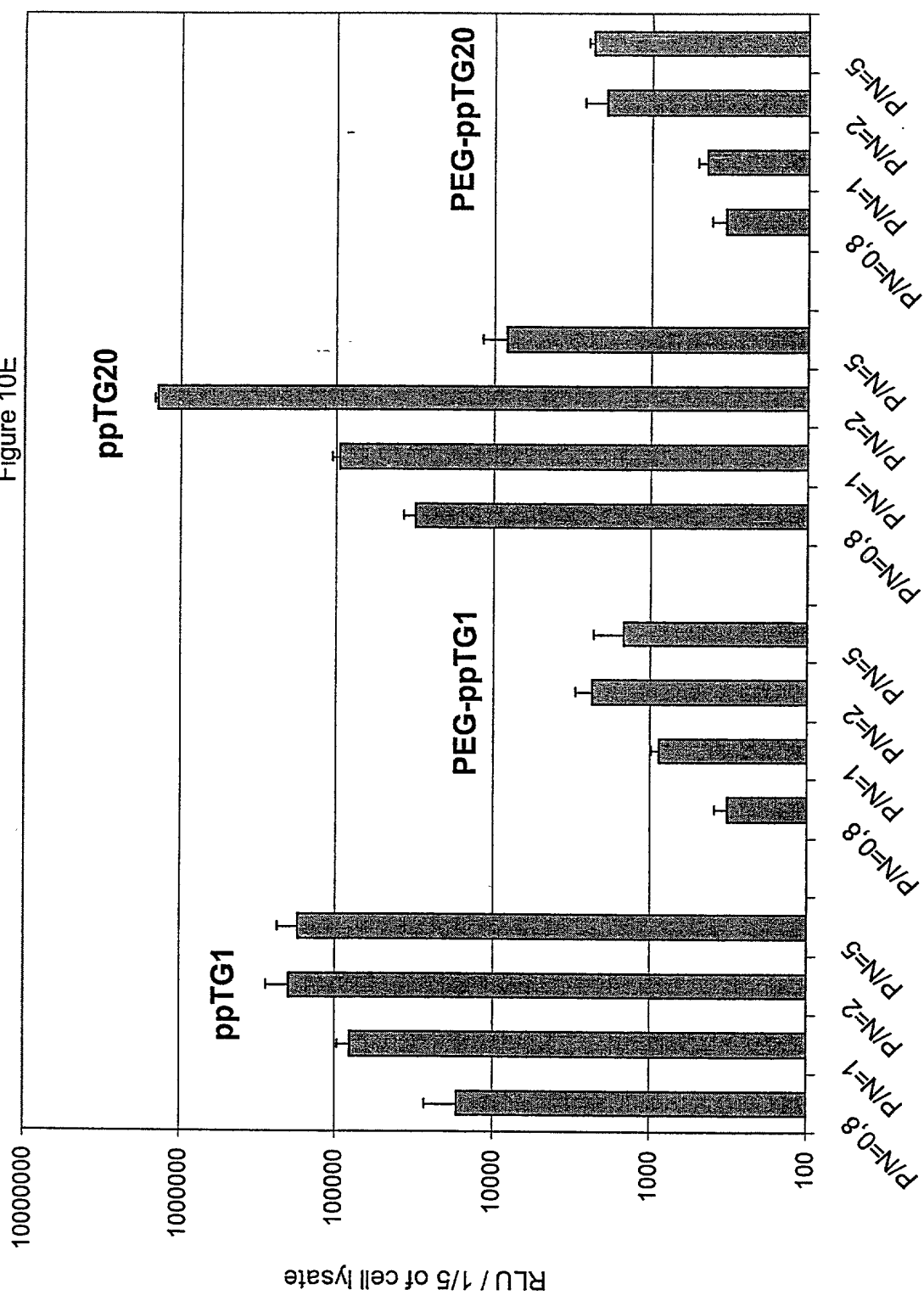




Figure 10E





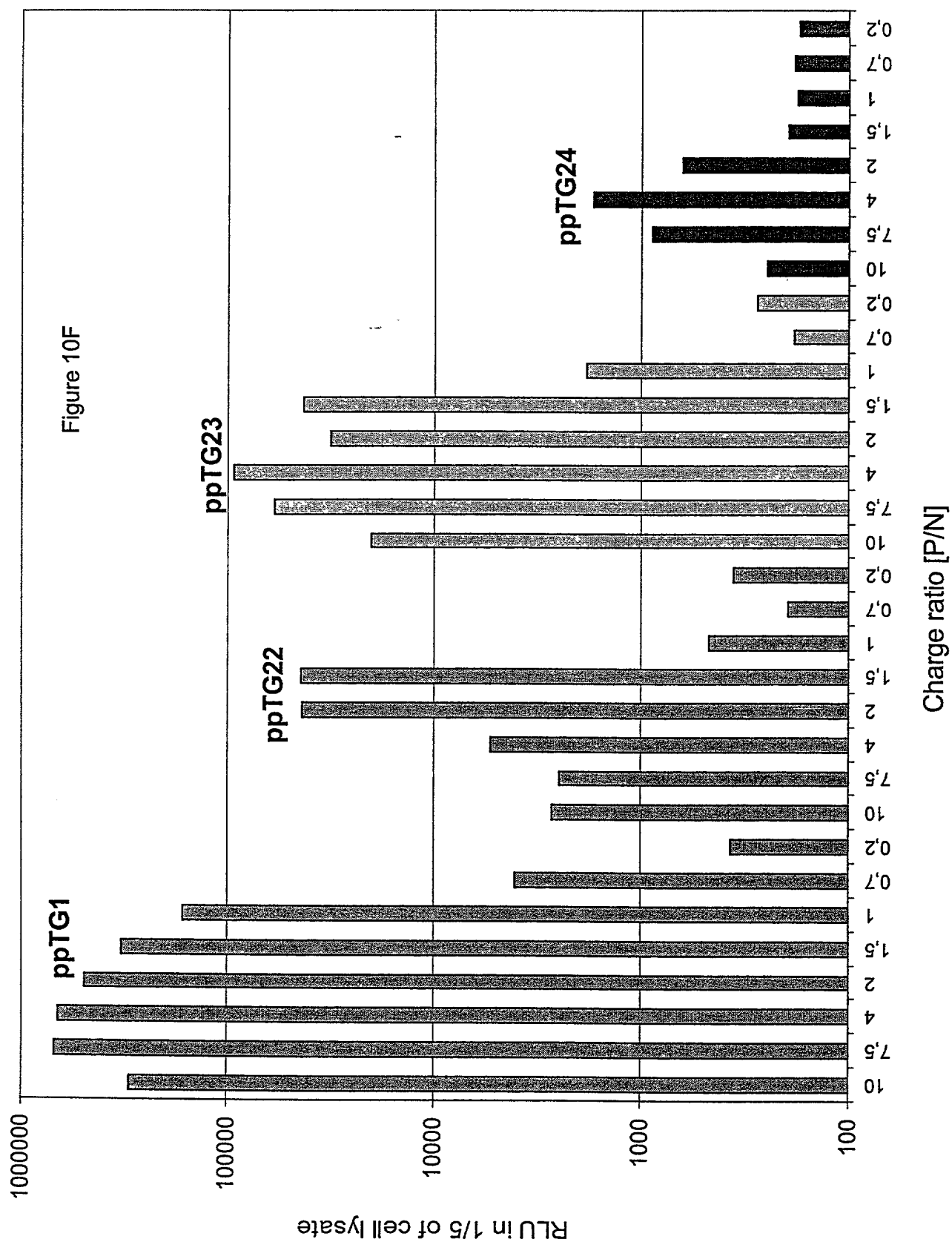


Figure 10G

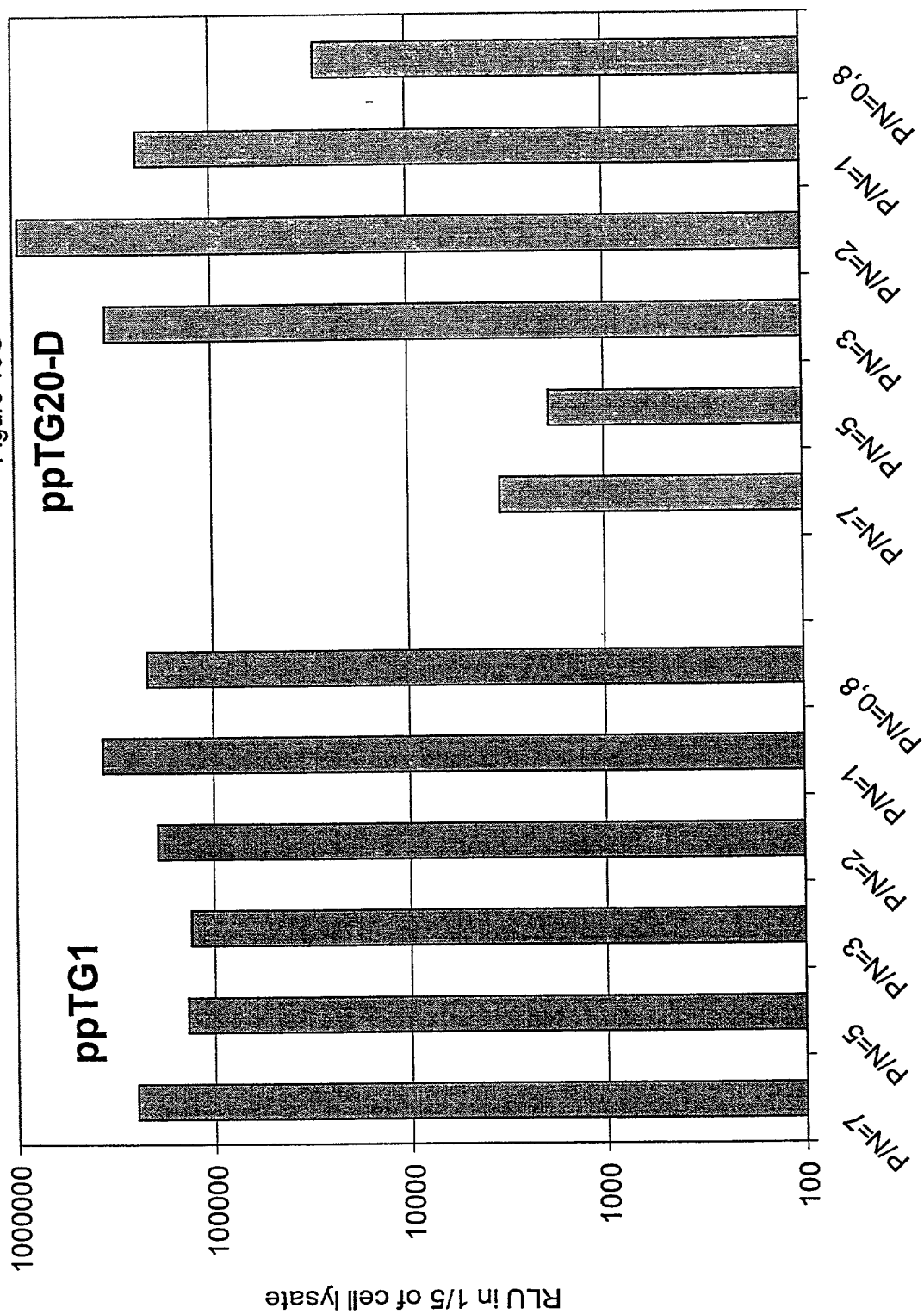


Figure 11

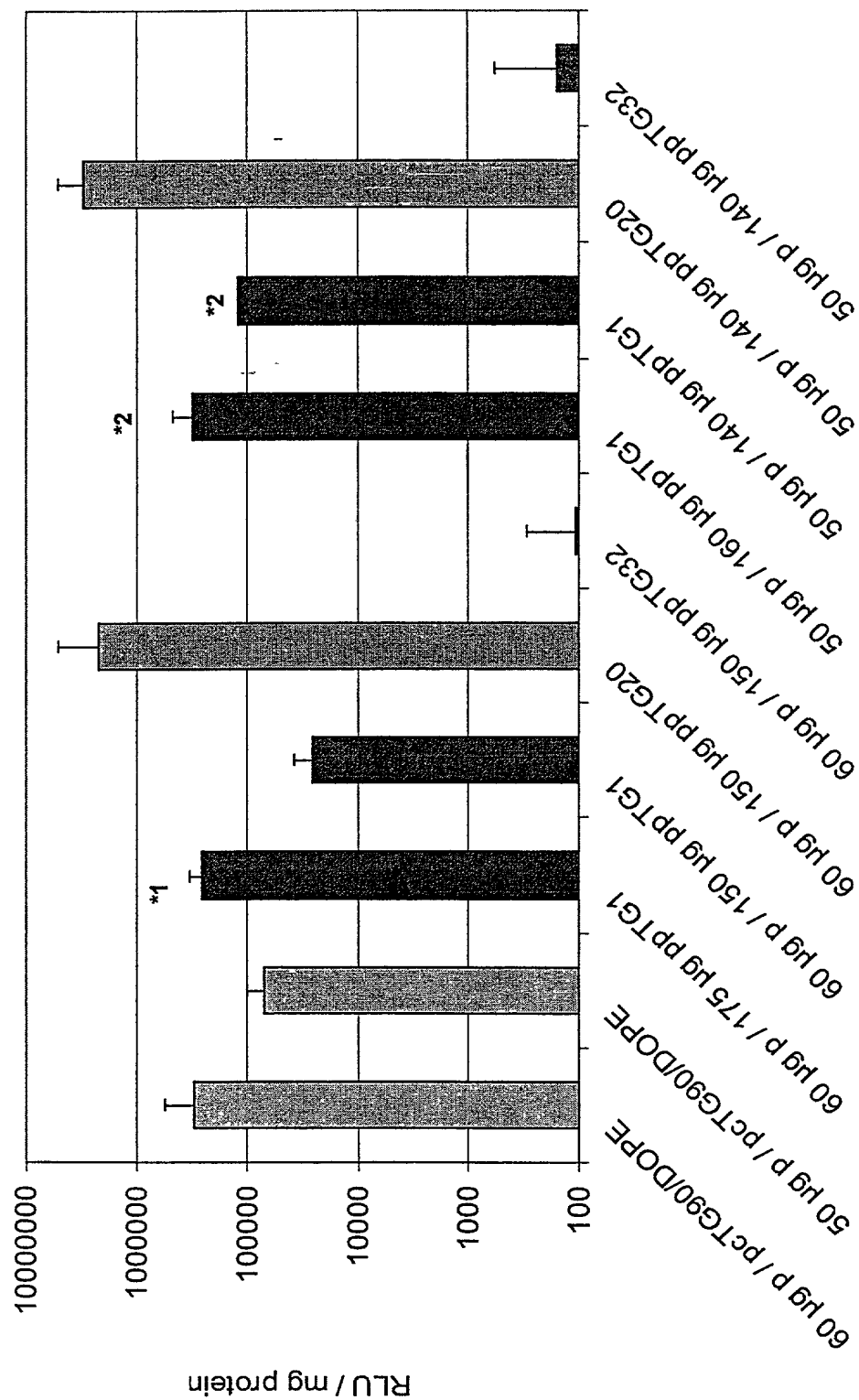
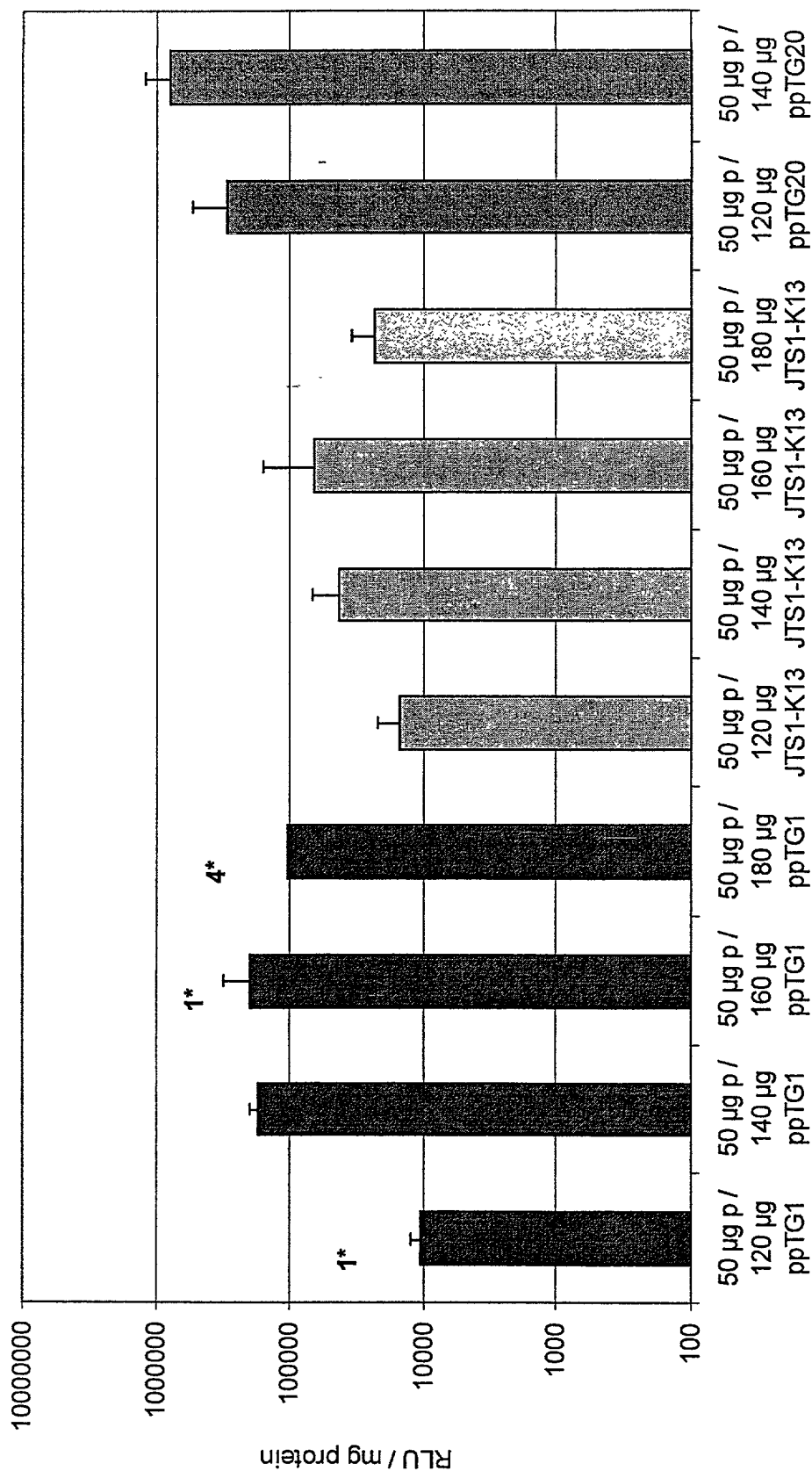


Figure 11B



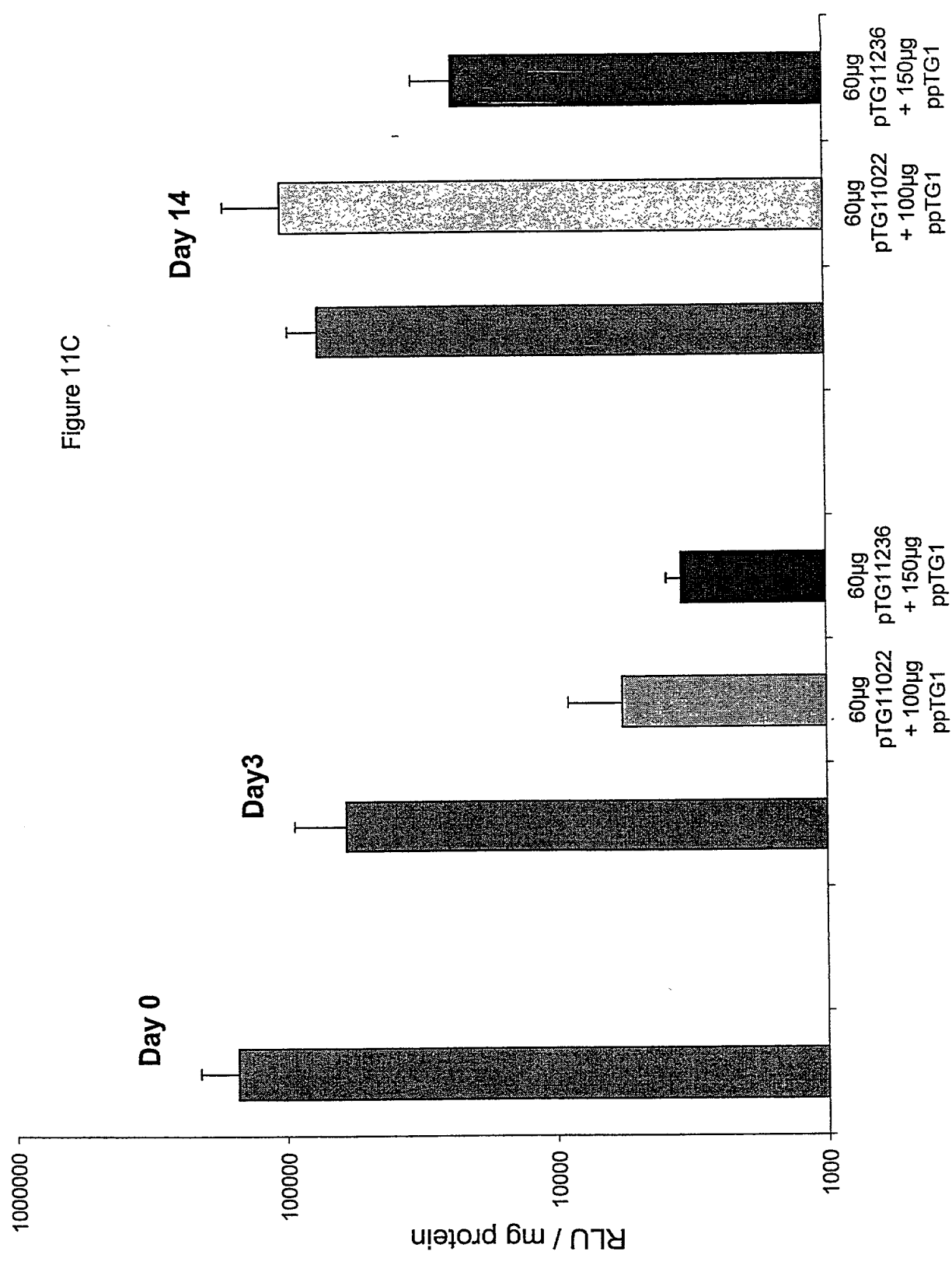


Figure 11D

